

PRODUCT SPECIFICATION

47 Series Unibody Pushbutton



Model Number Structure - Unibody Pushbutton



47.10.20.02

Series	
47 Series Unibody Pushbutton ø22	

Operation Type		
10	Non-Illuminated Flush	Momentary
13	Non-Illuminated Mushroom	Momentary
20	Non-Illuminated Flush	Maintained
28	2 Step Non-Illuminated Flush	Momentary

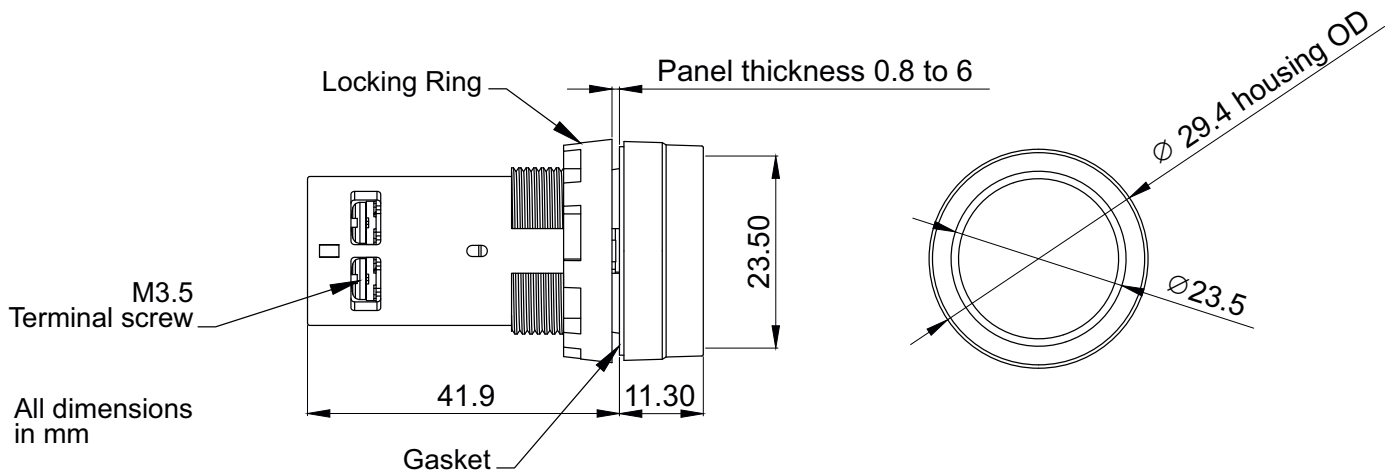
Colour	
02	Red
03	Amber
04	Yellow
05	Green
06	Blue
09	White
00	Black *

Contact	
10	1NO
01	1NC
11	1NO-1NC
20	2NO
02	2NC
Please contact your <i>WERNER</i> representative for more contact arrangement.	

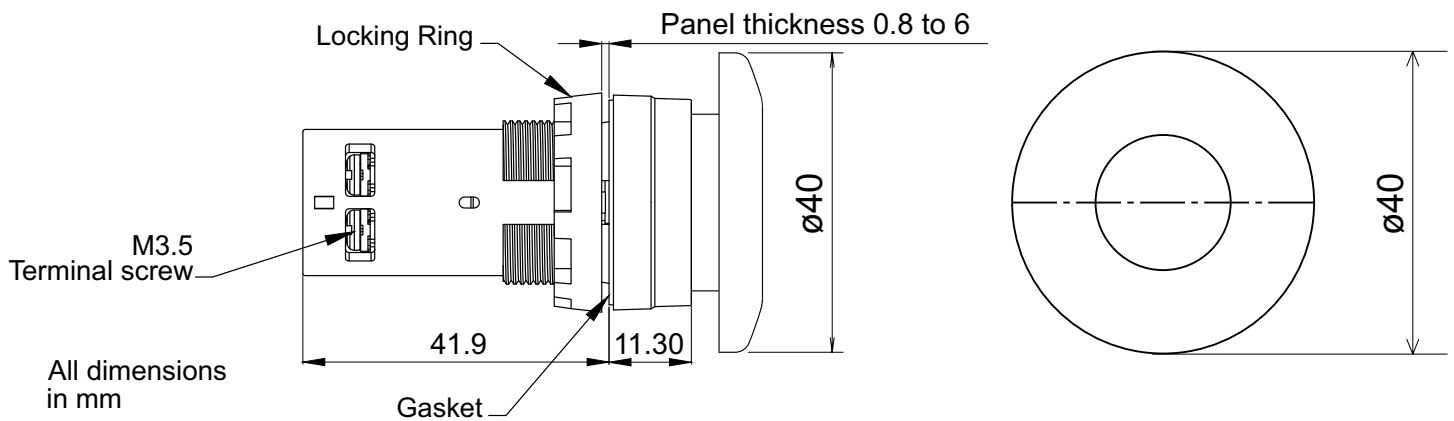
Specifications

Operating Temperature		-25 to + 60° C (No freezing)	
Storage Temperature		-40 to + 80° C	
Actuator Type		Flush	
Illumination		Non-illuminated	
Part Weight		22.0g	
Function		Momentary & Maintained	
Number of Auxiliary Contacts NC		0	
Number of Auxiliary Contacts NO		2	
Enclosure Type NEMA		Type 1 Type12 Type13 Type3R Type4 Type4X	
Pollution Degree		3, as per EN IEC 60947-5-1	
Rated Insulation Voltage		600V	
Rated impulse withstand Voltage		6kv	
Rated frequency (f)		50/60Hz	
Rated Operational Voltage		Maximum 600V	
Rated Operational Current DC		(24 V) 0.3 A	
Rated Operational Current AC		(240 V) 10 A	
Power Loss		Maximum 5 W	
Connection Capacity		Flexible with Ferrule 1 x 0.5....1.5 mm ² Flexible with Ferrule 2 x 0.5....1.5 mm ² Flexible with Insulated Ferrule 1 x 0.5....1.5 mm ² Flexible with Insulated Ferrule 2 x 0.5....1.5 mm ² Flexible 1 x 0.5....1.5 mm ² Flexible 2 x 0.5....1.5 mm ² Solid 1 x 0.5....1.5 mm ² Solid 2 x 0.5....1.5 mm ²	
Connection Type		Screw Clamp	
Terminal Type		Screw Terminals	
Unlock Torque		25 Ncm approx.	
Wire Stripping Length		6 mm	
Contact Resistance		50 mΩ maximum (Initial value)	
Insulation Resistance		100 MΩ minimum (500V DC megger)	
Contact Material		Silver Contact	
Switching Eliminate		Polyamide (PA)	
Vibration Resistance	Unibody Pushbuttons	Operating extremes: 5 to 65 Hz, amplitude 1mm Damage limits: 30Hz, amplitude 1.5mm	
Shock Resistance	Unibody Pushbuttons	Operating extremes: 100m/s ² (15G) Damage limits: 1000m/s ² (100G)	
Mechanical Durability (minimum operations)	Push buttons	1,000,000	
Electrical Durability (minimum operations)	Push buttons	1,000,000	
Degree of Protection		Front IP 65	
Colour	Red		
	Amber		
	Yellow		
	Green		
	Blue		
	White		
	Black		
Approvals Approbations and Declarations of conformity		CE 	

Dimensions - Unibody Flush Type Pushbuttons



Dimensions - Non-Illuminated Mushroom Pushbuttons





WERNER

Inventing Innovation...

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